Work Order ID 72513

Wednesday, July 27, 2011 2:39:36 PM



Page 1

D3407-043 Item ID: Accept Setup Start Revision ID: Stop Tow Ring Item Name: **Start Date:** 7/27/2011 Start Oty: 2.00 **Cust Item ID:** Required Date: 7/29/2011 Rea'd Oty: 2.00 Customer: Reference: Start Run Tooling: Approvals: Process Plan: Date: Date: Stop Date: SPC (Y/N): Date: Sequence ID/ Operation Set Up/ Tool ID Tool # Plan Accept Reject Reject Insp. Work Center ID Description Run Hours Code Oty Oty Number Stamp **Draw Nbr Revision Nhr** D3407 Rev E 100 0.00 Large Fab Q11-7-28 Large Fab 0.00 Memo Large Fab Weld D3407-3/-5 using welding rod TIG174 as per Dwg D3407 & QSI Batch: M /01972 TIG174 ROD 110 OC9- Inspect visual per OSI004- Fusion Welds 0.00 11.07.22 0.00 Memo **Quality Control** 120 QC5- Inspect part completeness to step on W/O · QC Memo Quality Control

W/O:			*****							
			W	ORK ORDER CH	ANGES,	•		·		
DATE	STEP	PRO	ANGE		*Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
Part No	:	PAR #:	Fault Cat	egory:	NC	R: Yes N	lo DQ	A:	Date:	
	Re	esolution:	Dispositi	on:	Q#	A: N/C Clo	sed:		Date: _	
NCR:			WORK ORI	DER NON-CONFO	RMANC	E (NCR)				
DATE	STEP	Description of NC Section A	Initial	Corrective Action Action Descrip		Sign &	Verific Secti		Approval Chief Eng	Approval QC Inspector
<u>,, </u>			Chief Eng	Chief Eng	***************************************	Date				
		· · · · · · · · · · · · · · · · · · ·								
		,				0				

Work Order ID 72513

Wednesday, July 27, 2011 2:39:36 PM



Page 2

Item ID:

D3407-043

Accept

Setup Start

Stop



Revision ID:

Start Date:

Item Name:

Required Date: 7/29/2011

Tow Ring

7/27/2011

Start Qty: 2.00

Req'd Qty: 2.00

Operation

Description



Date:

Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan: _____

Date:

Tooling:

SPC (Y/N):

Set Up/

0.00

0.00

Run Hours

Tool ID

Date:

Tool # Plan

Code

Date:

Run

Accept

Qty

Start

Reject

Qty

Stop

Reject



Number Stamp

11-08-04

Insp.

Sequence ID/

Work Center ID

135

SprayPaint

Spray Painting

Memo

DELFLEET BLUE B 11
CLEAR B 168 053

145

Quality Control

QC14- Inspect Spray Paint

0.00

Memo

0.00

150

Packaging

Packaging

Identify as per dwg & Stock Location: 4 6 3

Memo

0.00

0.00

- 2 JB/08/05

W/O:			W	ORK ORDER CHANG	GES				
DATE	STEP	PRO	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector			
Part No	:	PAR #:	Fault Cate	gory:	NCR: Yes	No DQ	A :	Date:	
	Re	esolution:	Disposition	n:	QA: N/C C	losed:		Date: _	
NCR:			WORK ORD	ER NON-CONFORM	ANCE (NC	R)			
DATE	STEP	Description of NC			ction B	Verifi	cation	Approval	Approval
	0,2,	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Date		ion C	Chief Eng	QC Inspector
·				V- 44					

Work Order ID 72513

Wednesday, July 27, 2011 2:39:36 PM



Page 3

Item ID:

D3407-043

Accept

Setup Start

Stop



Revision ID:

Start Date:

Tow Ring Item Name:

7/27/2011

QC:

Start Qty: 2.00

Req'd Qty: 2.00

Cust Item ID:

Customer:

Reference:

Approvals:

Required Date: 7/29/2011

Process Plan:

Date:

Tooling:

SPC (Y/N):

Date:

Date:

Run Start

Stop

Sequence ID/

Work Center ID

160

Quality Control

Operation Description

QC21- Final Inspection - Work Order Release

Memo

Set Up/ **Run Hours**

0.00

Tool ID

Tool # Plan Code

Accept Qty

Reject Qty

Reject Number

Insp. Stamp

Date:

0.00

W/O:			WO	RK ORDER CHANG	ES				
DATE	STEP	PRO	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
									1
····									
Part No	:	PAR #:	Fault Category: NCR: Yes No DQA:						
			Disposition: QA: N/C Closed: Date: _						
NCR:			WORK ORDE	R NON-CONFORM	ANCE (NC	7)			
DATE	STEP	Description of NC Section A		ion B	Verific	cation	Approval	Approval	
DAIL	SILF		Initial Chief Eng	Action Description Chief Eng	Sign of Date	& Secti	on C	Chief Eng	QC Inspector
									i

Picklist Print

Wednesday, July 27, 2011 2:39:33 PM

Work Order ID: 72513

Parent Item:

D3407-043

Parent Item Name: Tow Ring



Start Date: 7/27/2011

Required Date: 7/29/2011

Page 1

Start Qty: 2.00

Required Qty: 2.00

Comments:

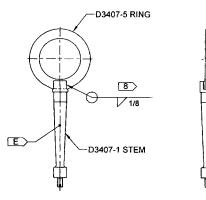
IPP Rev:A□05.10.14□New issue□KJ/EC

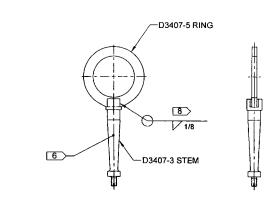
IPP Rev:B 08-09-09 revE as per dwg DD verified by:EC

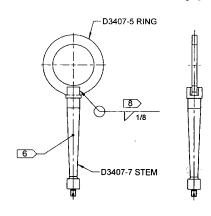
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3407-3 		Manufactured	No			100	Each	4.0000		2 A	147-2	8	
				Location		Loc	<u>Oty</u>	Loc Code					
				WA	(6201		4 4			~	. .		
D3407-5		Manufactured	No		110394	100	4 Each	25.0000	1				
 										a	11-70	78	
				Location		Loc (<u>Qty</u>	Loc Code					
				WA030			25			· · · · · · · · · · · · · · · · · · ·	_		
					71720		25		_	<u>~</u>	_		

W/O:			W	ORK ORDER CHANG	ES							
DATE	STEP	PRO	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector					
								i.				
			33451									
Part No	•	PAR #:	Fault Cate	egory:	_ NCR: Yes	No DQ	A:	Date:				
						C Closed: Date:						
NCR:			WORK ORD	ER NON-CONFORM	ANCE (NCR)						
DATE	STEP	Description of NC		tion B	Verific	cation	Approval	Approval				
DATE	SIEF	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	1	on C	Chief Eng	QC Inspector			
í												
			,									

QTY -045 QTY -041 PART NUMBER DESCRIPTION D3407-041 TOW RING X D3407-043 TOW RING D3407-045 TOW RING STEM STEM D3407-1 D3407-3 D3407-5 RING D3407-7 STEM









D

D3407-041 TOW RING

D3407-043 TOW RING

<u>D3407-045 TOW RING</u> **♠**

25010		51	L
REV.	DESCRIPTION	BY	DATE
Α	NEW ISSUE	CP	05.03.16
В	UPDATE DIAMETER, THREAD CLASS ADDED	CP	05.06.17
С	-1/-3 LONGER FOR FIT W/WASHER	CP	05.09.09
D	D3407-1/-3 SLOT WAS ROUND NOW FLAT FOR ASSEMBLY WITH D3407-5 (ZN C2-2, C2-3); D3407-5 WAS ROUND NOW FLAT ON ONE END FOR ASSEMBLY WITH D3407-1/-3 (ZN B6-4); REASON: PRODUCTION FACILITY	PH	08.04.07
Е	ADD D3407-045 (ZN B2-1, D8-1); ADD D3407-7 (ZN B6-5); REVISED NOTE 6 TO ADD IDENTIFICATION (ZN A5-1); REASON: PRODUCTION FACILITY	PH	08.07.23

DESIGN DART AEROSPACE USA, INC. DRAWN PORT HADLOCK, WA CHECKED DRAWING NO. REV. E D3407 MFG. APPR. SHEET 1 OF 5 APPROVED TITLE SCALE **TOW RING** DE APPR. NTS COPYRIGHT @ 2005 BY DART AEROSPACE USA, INC.
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLED ON THE EXPRESS CONDITION
NOT TO SE USED FOR ANY PURPOSE OR COPPED OR COMMUNICATED TO ANY OTHER PERSON. DATE 08.07.23

NOTES: 1) MATERIAL; N/A

D

1) MATERIAL: N/A
2) FINISH: POWDER COAT WHITE (4.3.5.2) PER DART QSI 005 4.3 (EXCEPT THREADS)
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: N/A
6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3407-XXX" USING BLACK FINE POINT PERMANENT INK MARKER
7) WEIGHT: D3407-041 - 0.60 lbs, D3407-043 - 0.53 lbs, D3407-045 - 0.61 lbs
8) WELD PER DART QSI 004 ON ALL EDGES BETWEEN STEM AND RING

8

